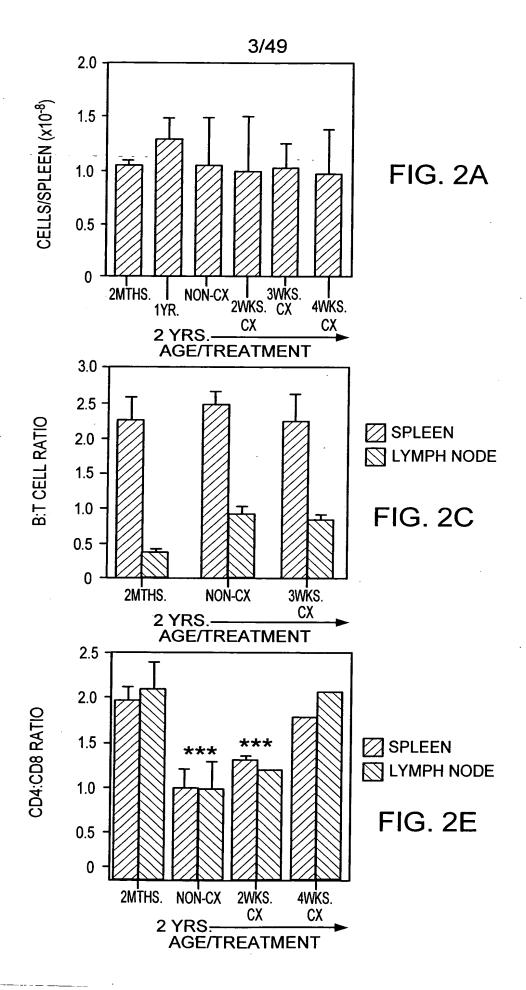
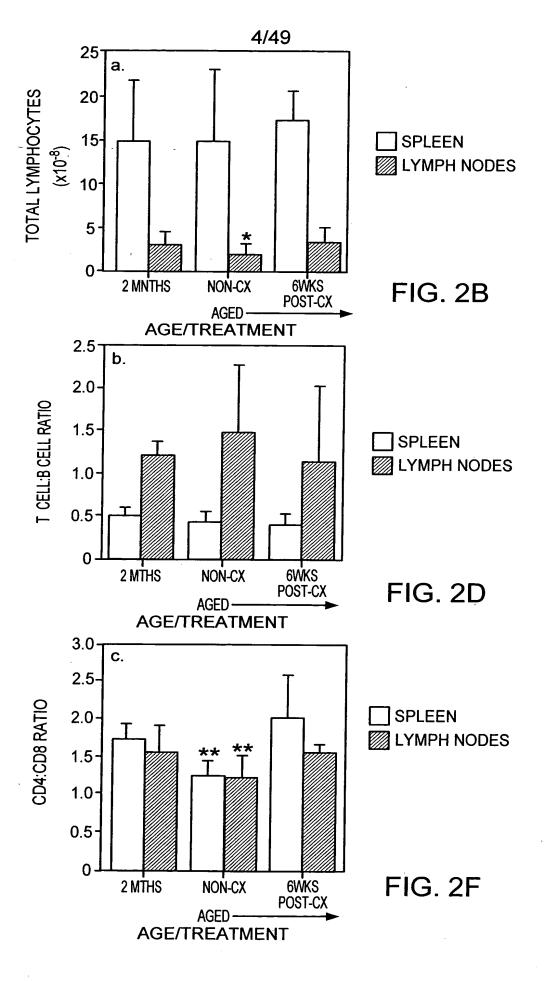


FIG. 1C





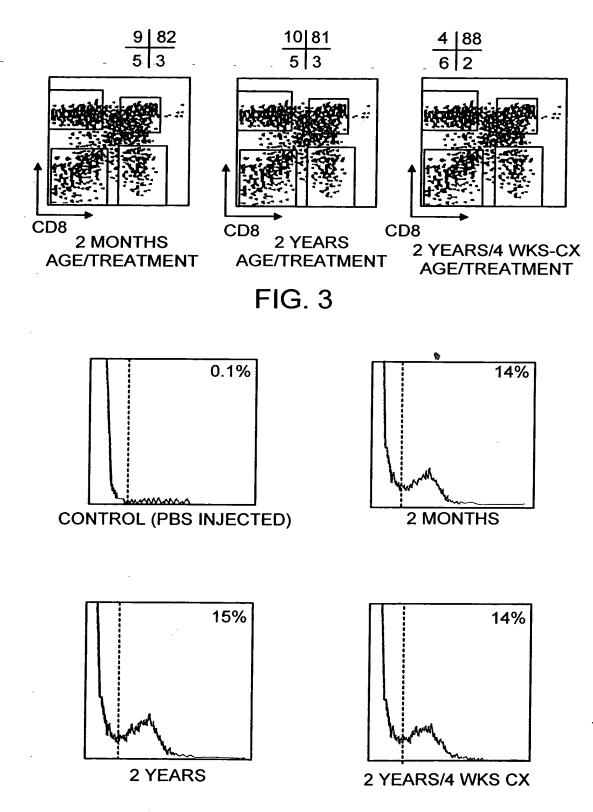


FIG. 4A

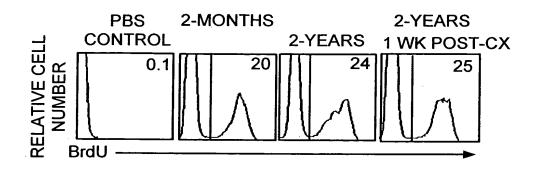


FIG. 4B

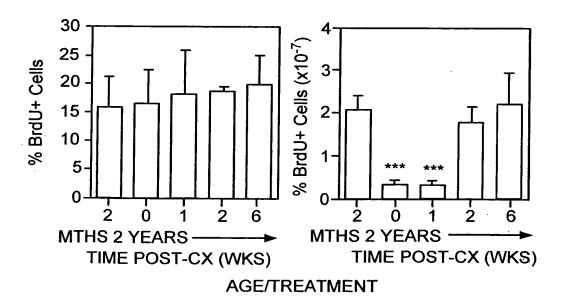
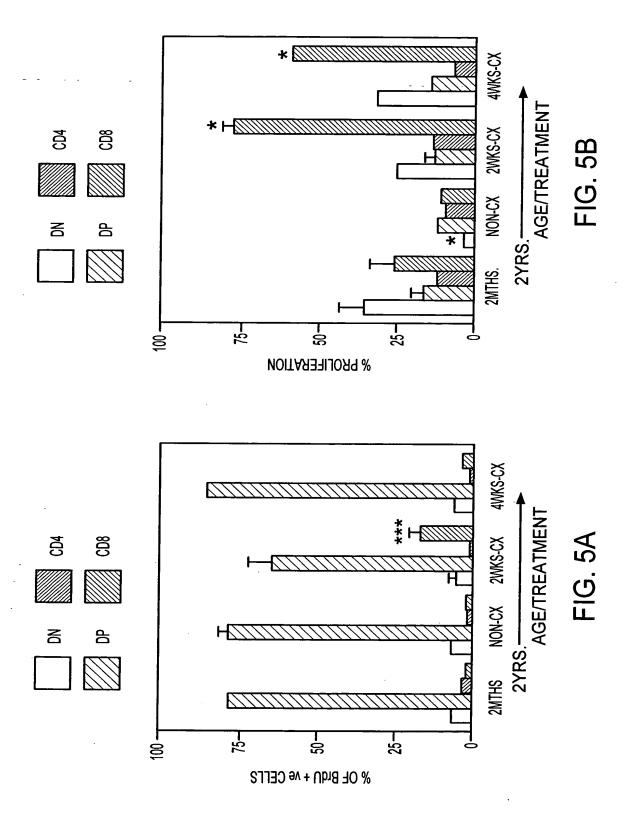
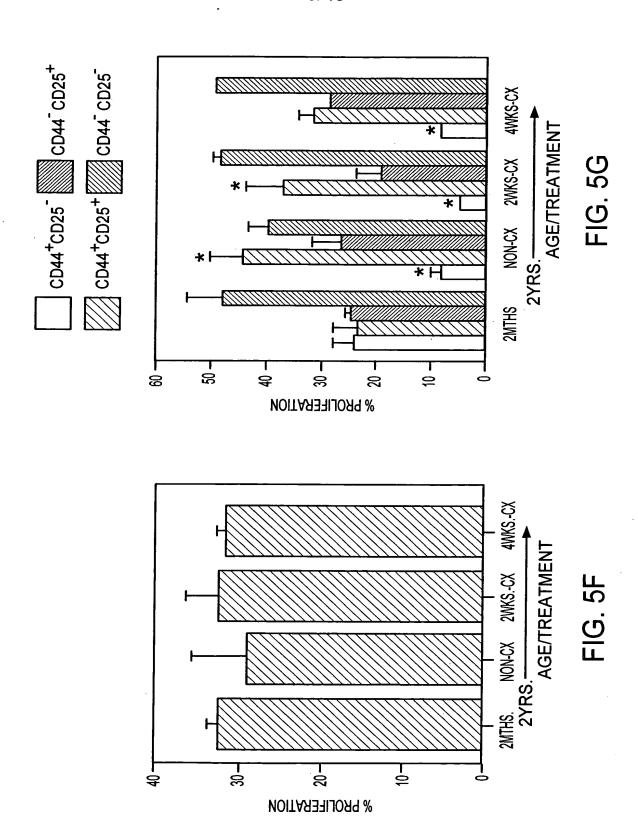
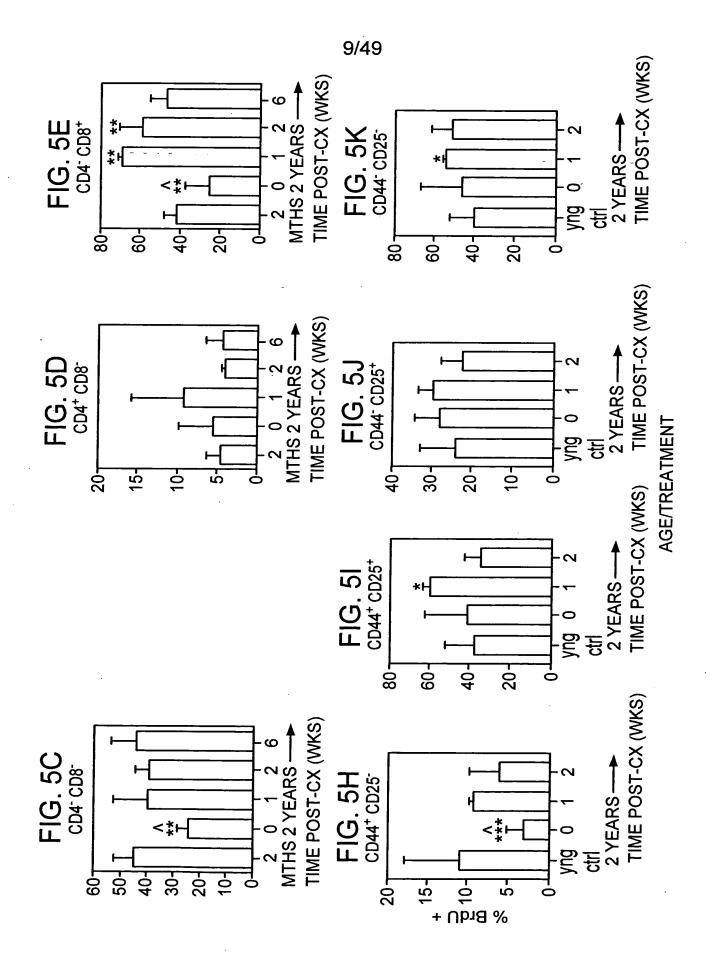
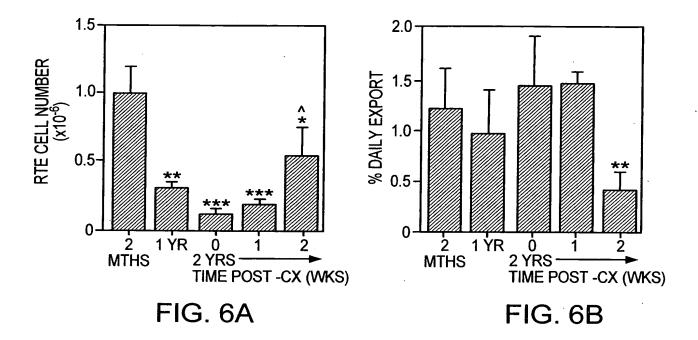


FIG. 4C









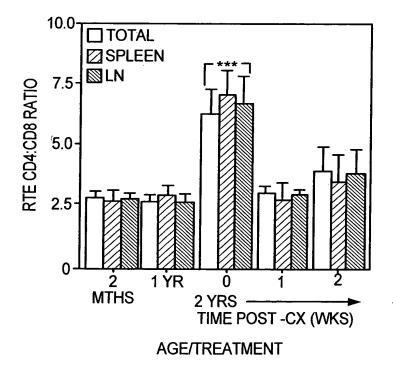


FIG. 6C

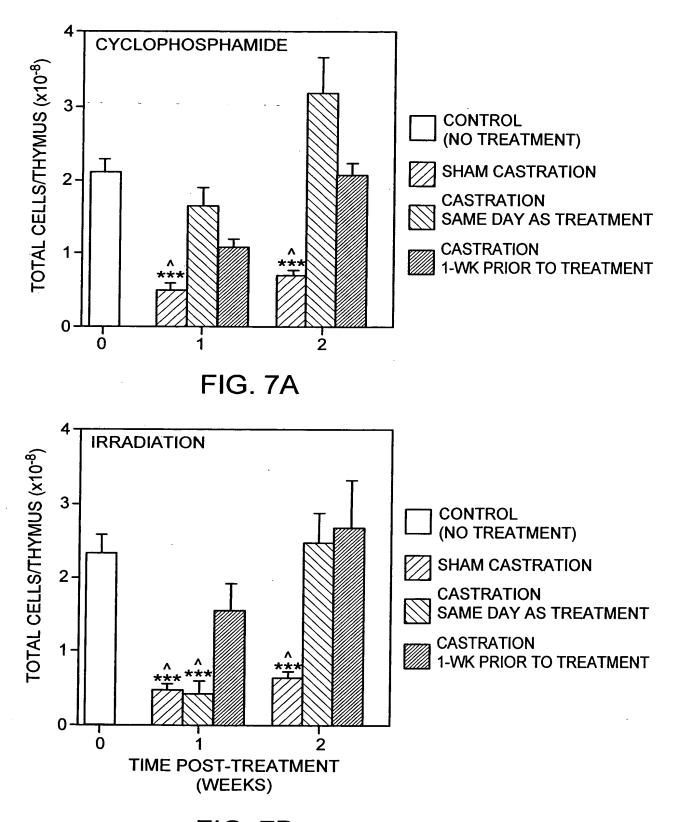
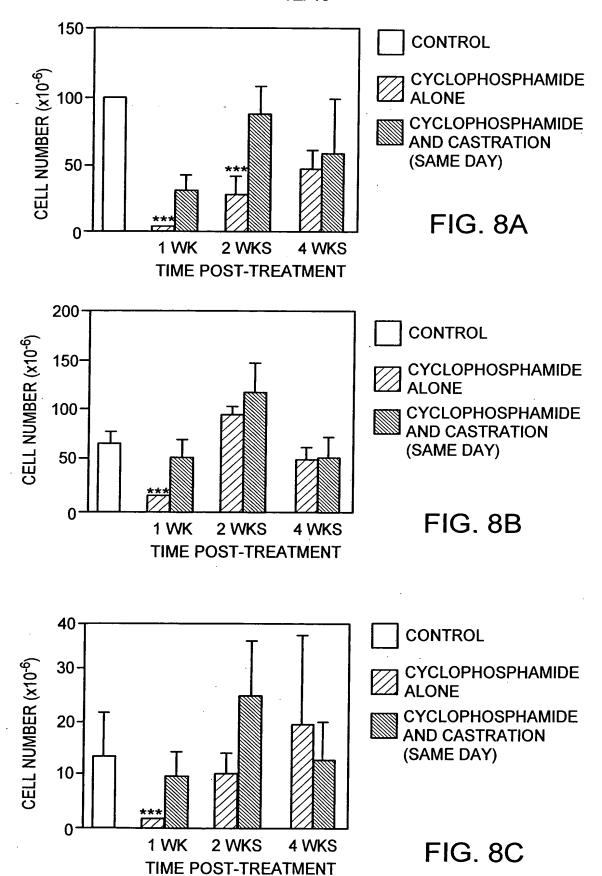
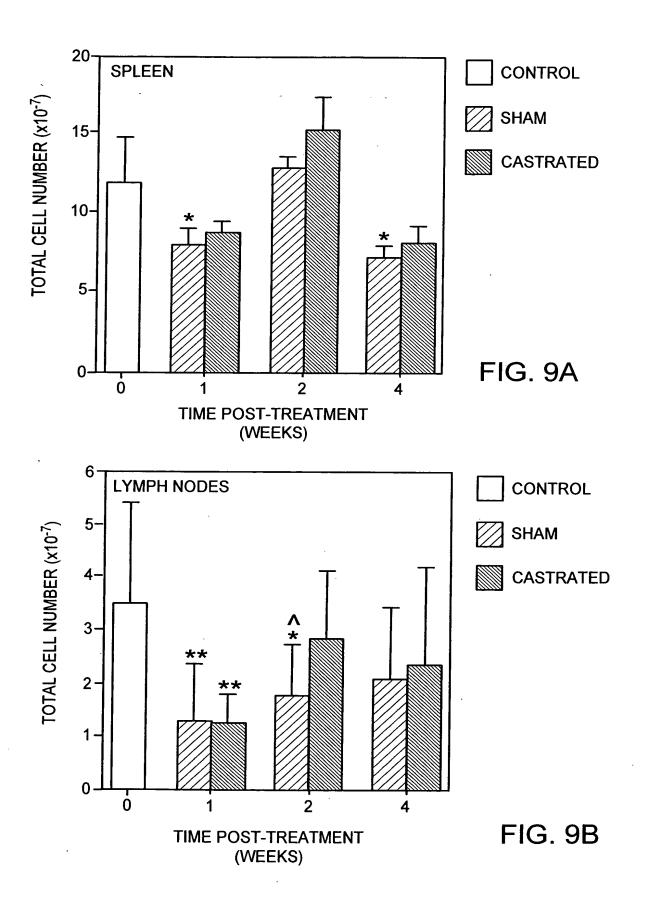
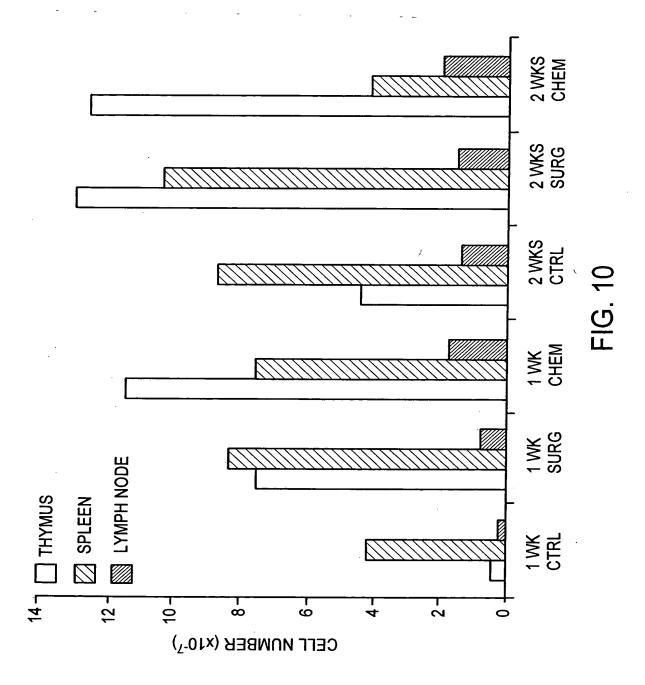


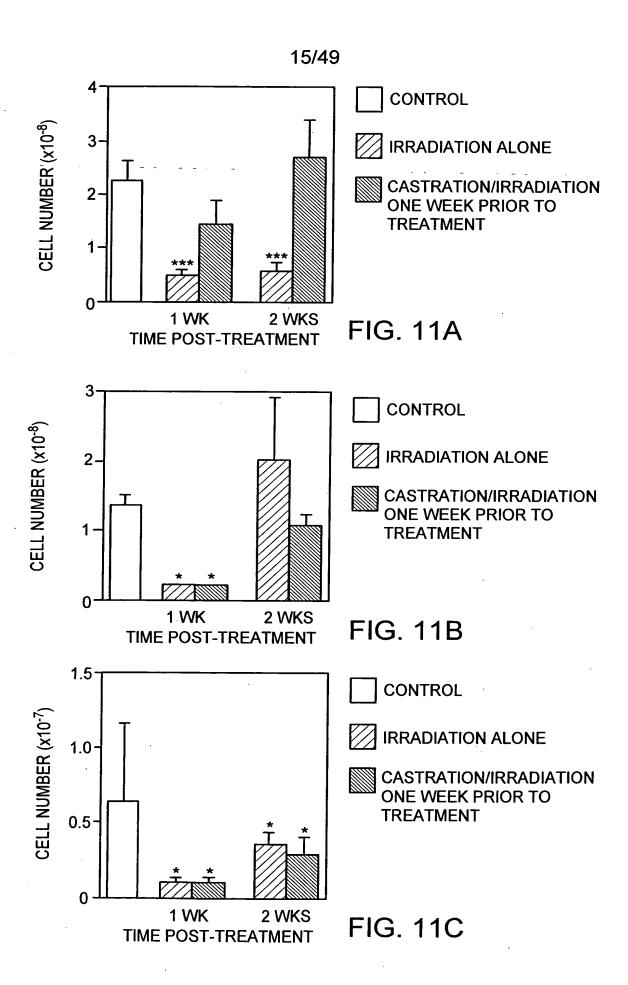
FIG. 7B

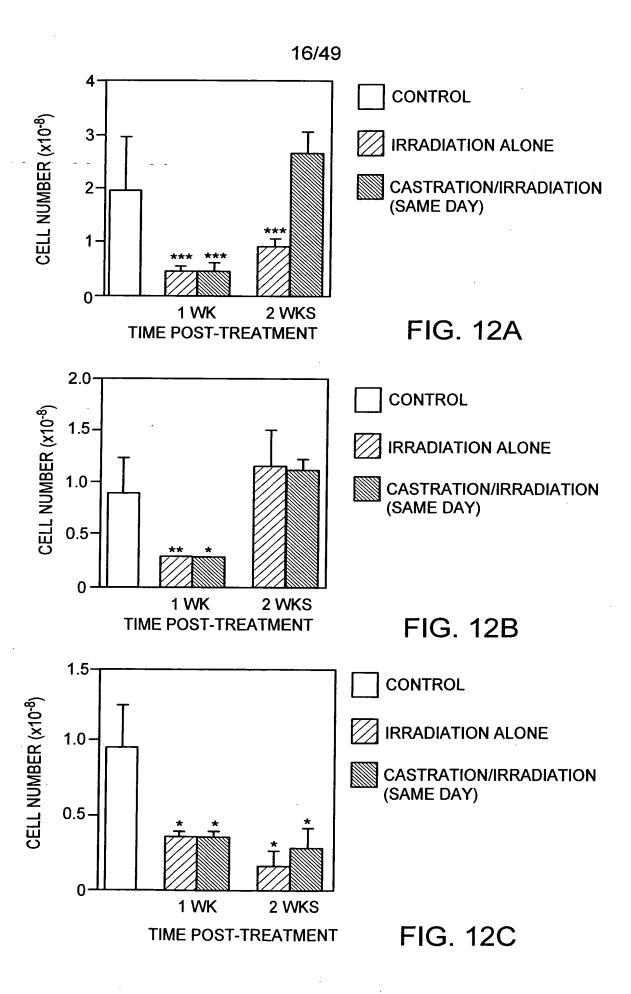


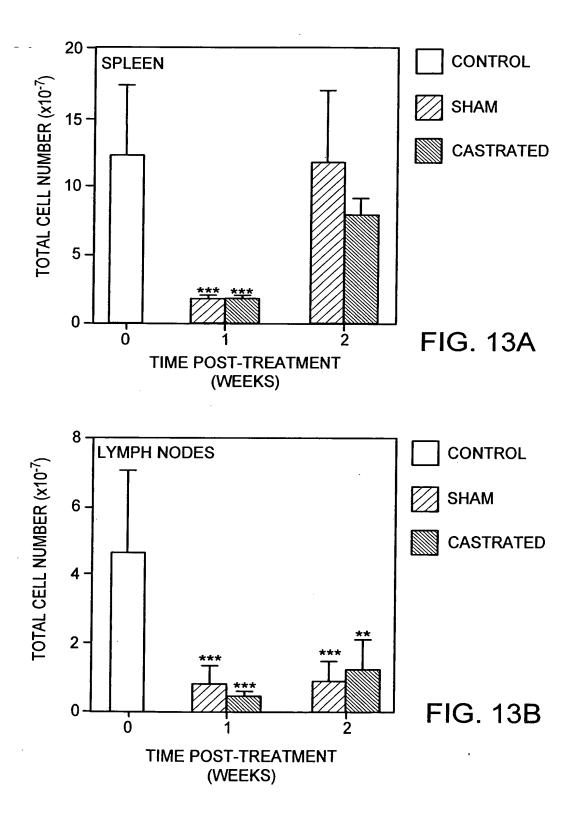




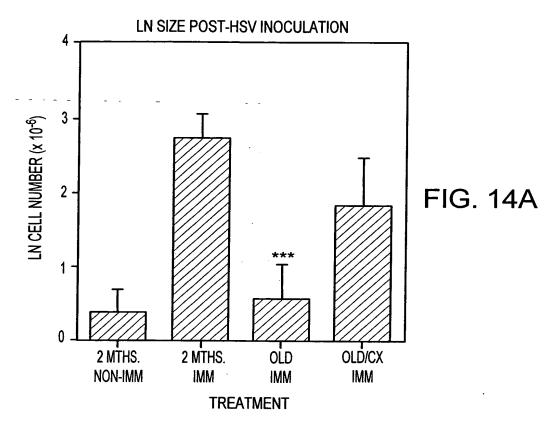


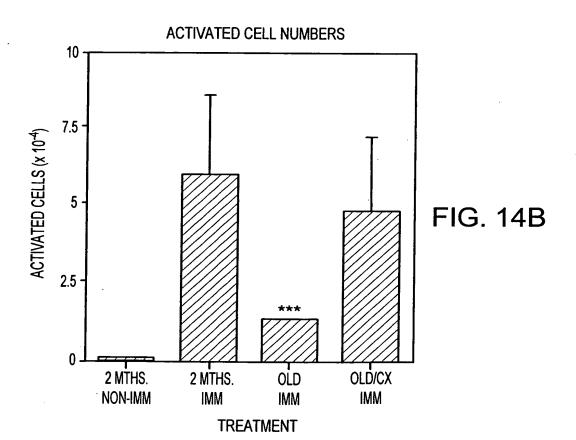












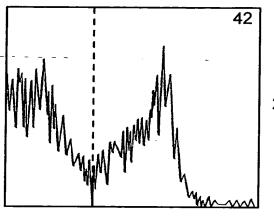


FIG. 15A

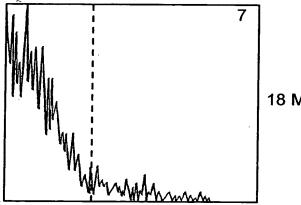


FIG. 15B

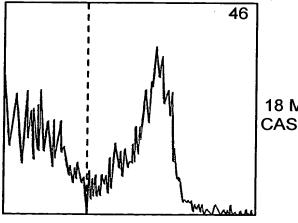


FIG. 15C

2 MONTHS

18 MONTHS

18 MONTHS CASTRATED

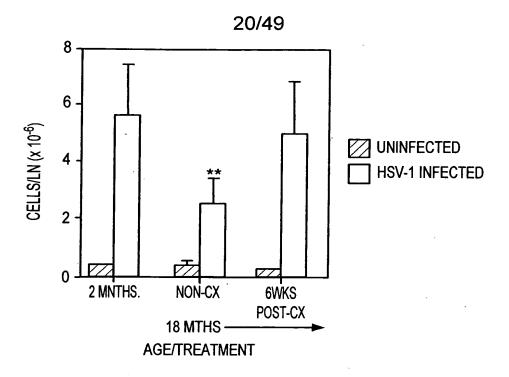


FIG. 16

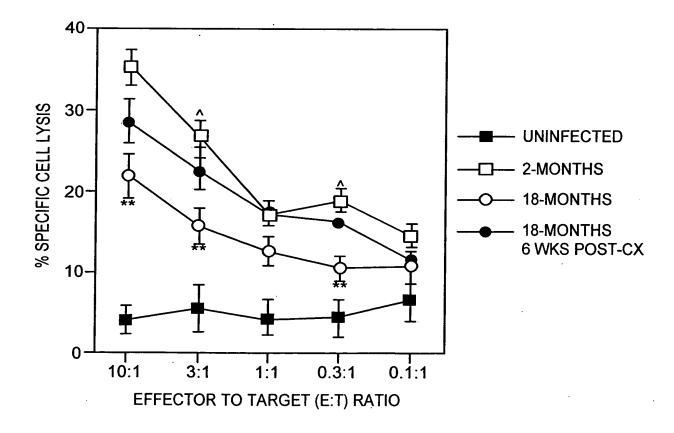


FIG. 18

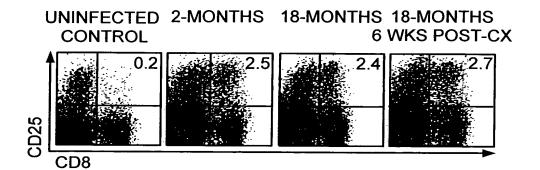


FIG. 17A

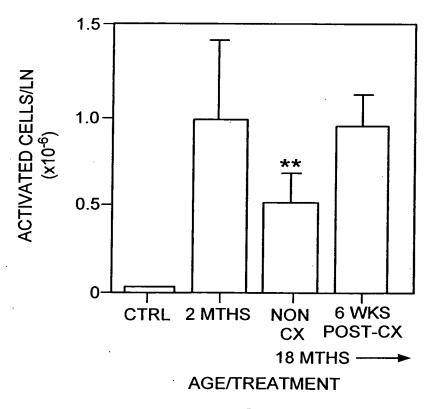


FIG. 17B

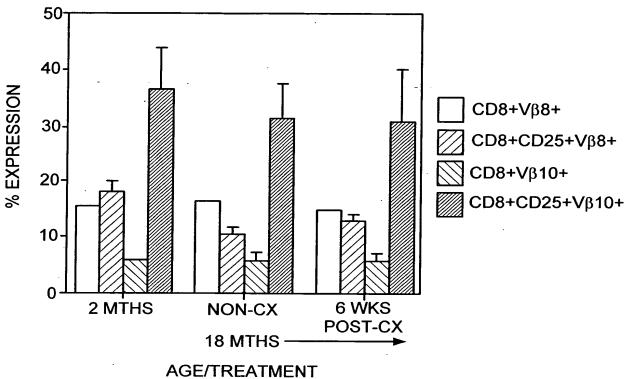
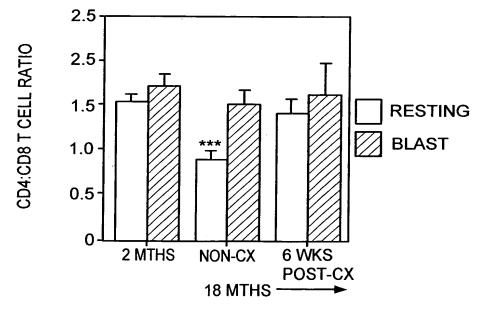


FIG. 19A



AGE/TREATMENT FIG. 19B

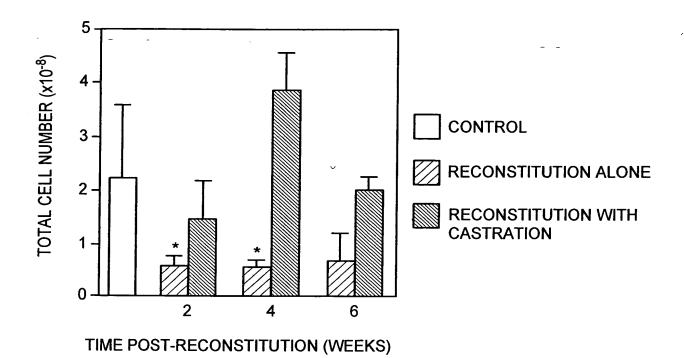


FIG. 20A

6

5

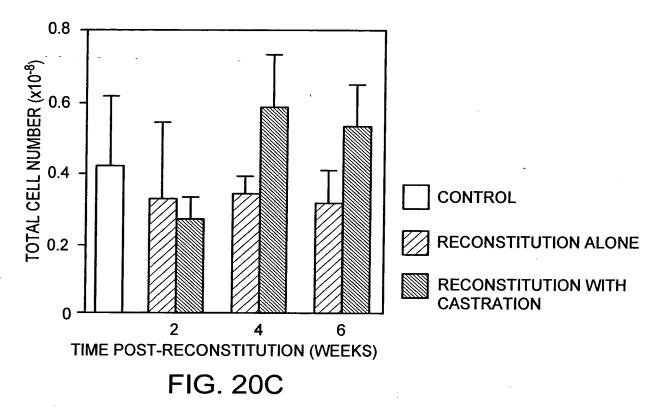
CONTROL

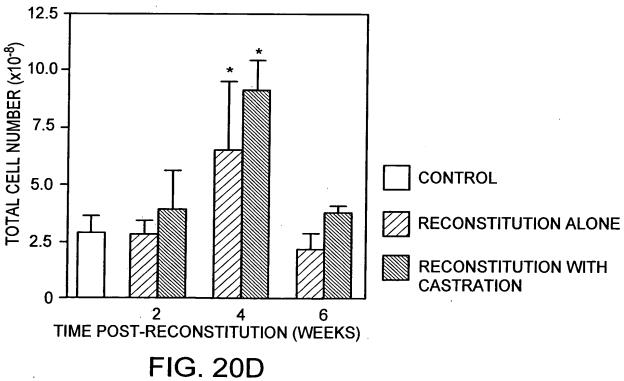
RECONSTITUTION ALONE

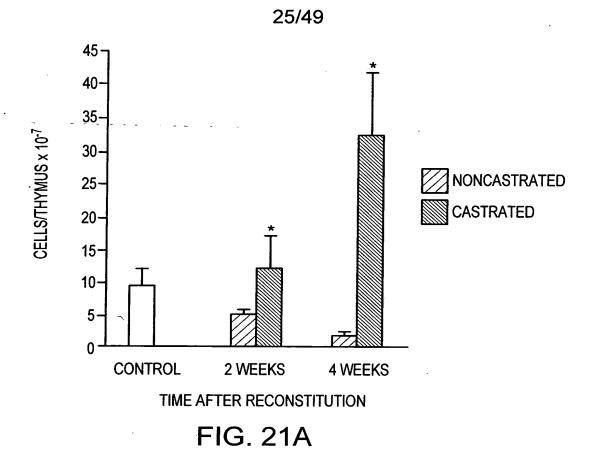
RECONSTITUTION WITH

CASTRATION

FIG. 20B



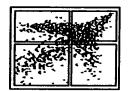




40000 -35000 -30000 -CELLS/THYMUS x 10<sup>-4</sup> 25000 -20000 -NONCASTRATED 15000 -CASTRATED 10000 5000 0 CONTROL 2 WEEKS 4 WEEKS TIME AFTER RECONSTITUTION

FIG. 21B

## **AGE MATCHED**



**NON-CASTRATED** 

**CASTRATED** 

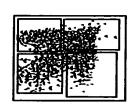
2 WEEKS POST RECONSTITUTION



CD4



**4 WEEKS POST RECONSTITUTION** 



12 | 90 | 3 | 3

CD8

FIG. 22

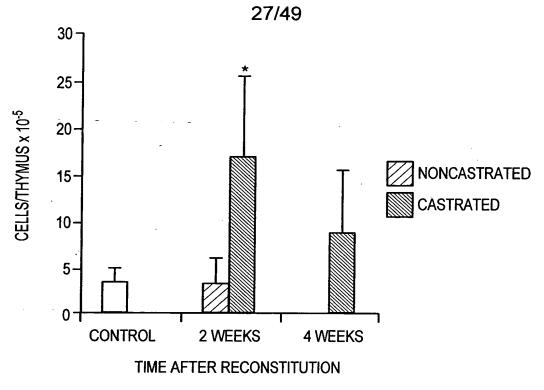


FIG. 23A

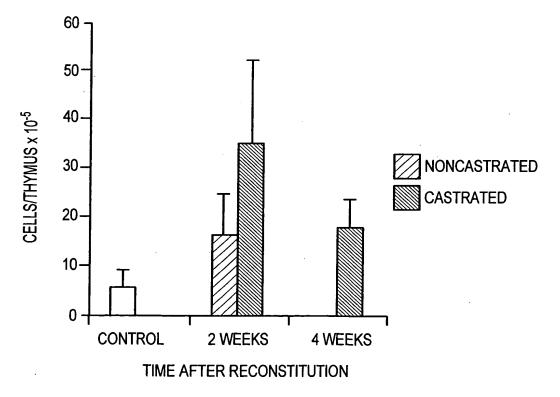


FIG. 23B

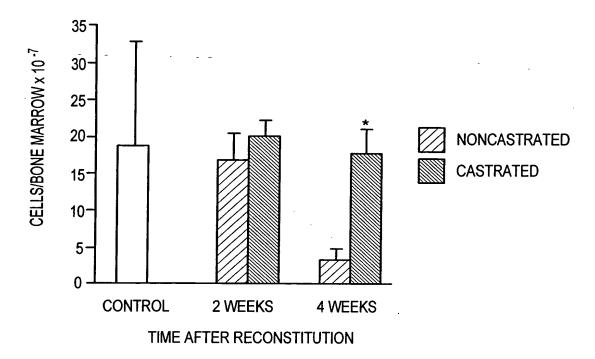


FIG. 24A

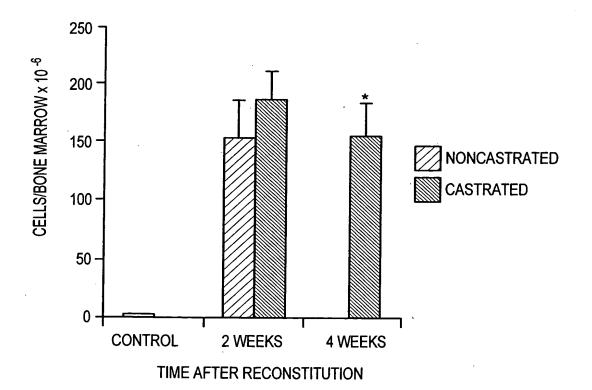
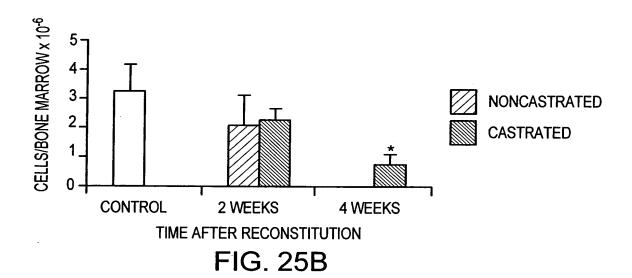


FIG. 24B



FIG. 25A



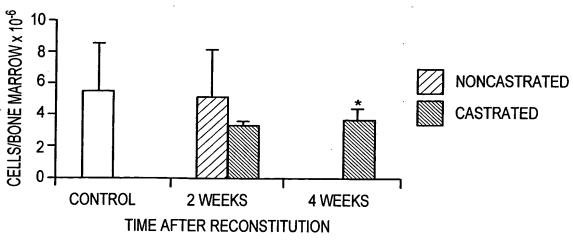


FIG. 25C

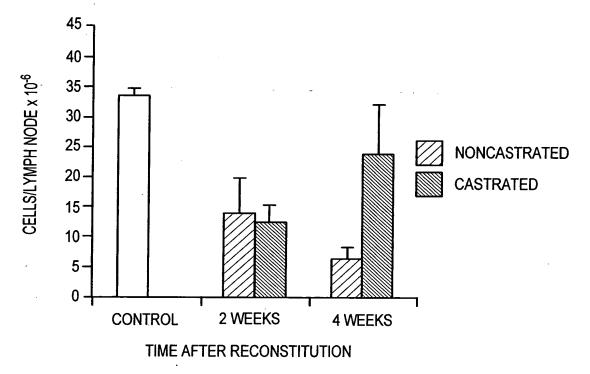


FIG. 26A

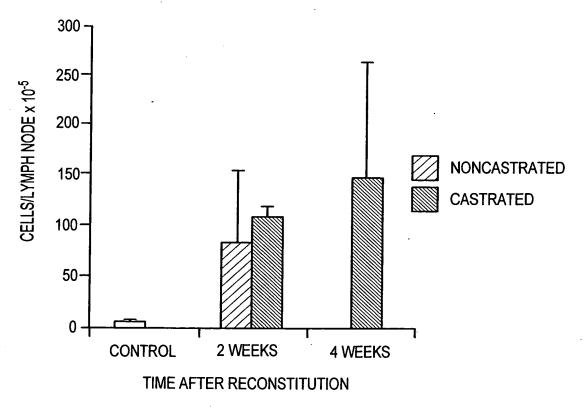


FIG. 26B

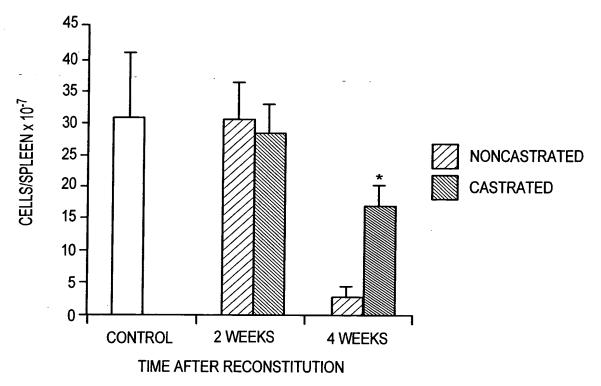
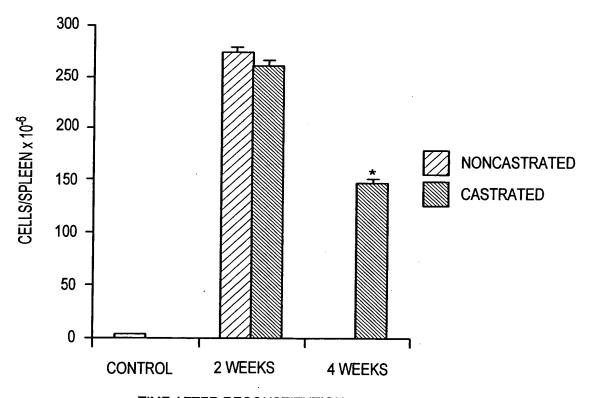


FIG. 27A



TIME AFTER RECONSTITUTION

FIG. 27B



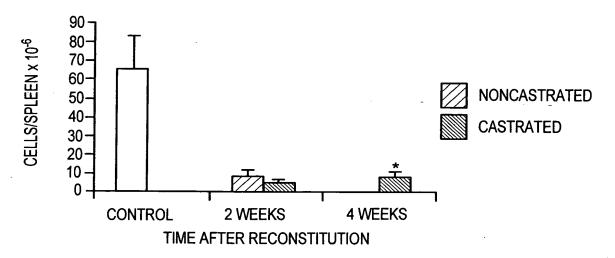


FIG. 28A

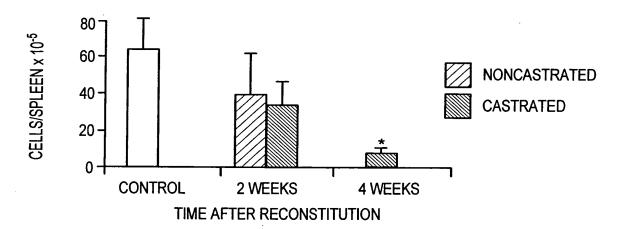


FIG. 28B

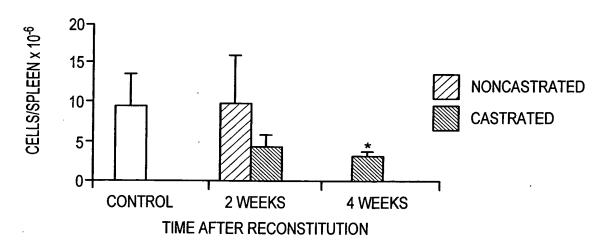


FIG. 28C



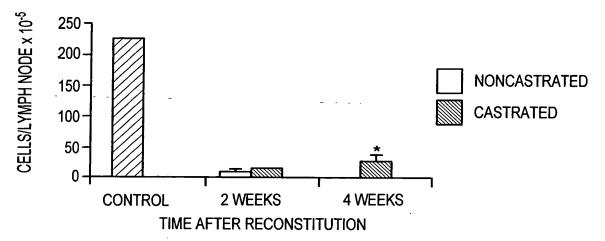


FIG. 29A

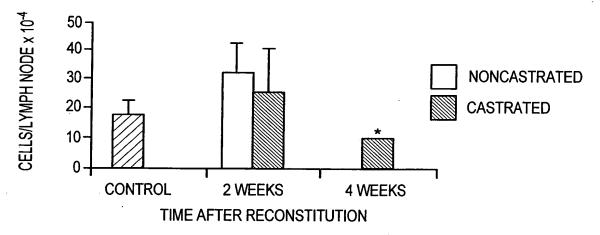


FIG. 29B

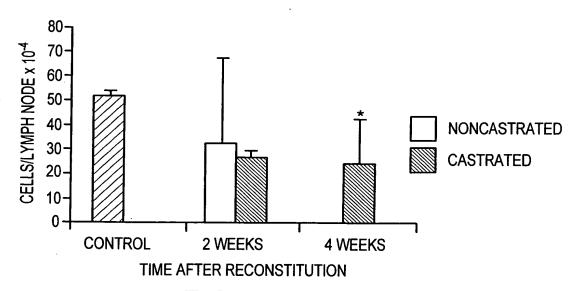
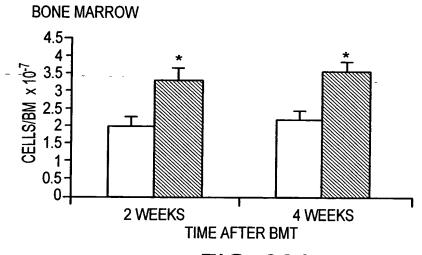


FIG. 29C



THYMUS

FIG. 30A

\*\*T

25

20
15
10
2 WEEKS

TIME AFTER BMT

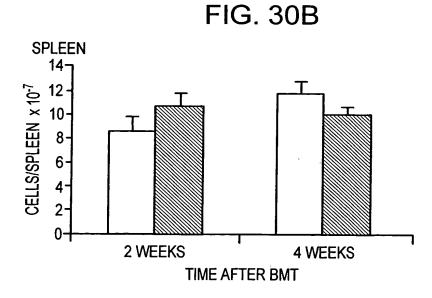


FIG. 30C

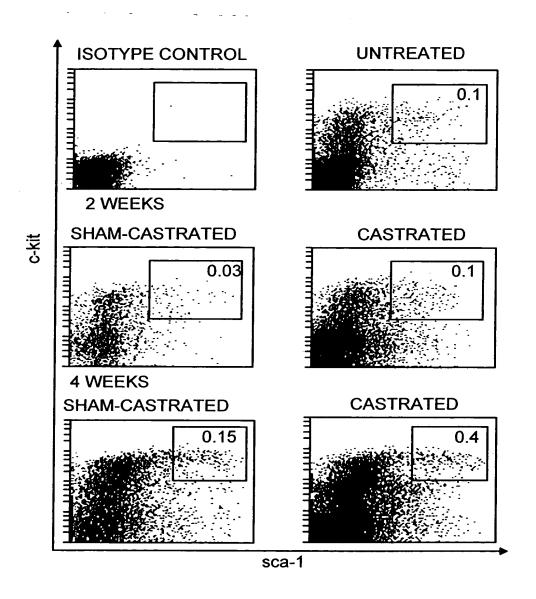


FIG. 31

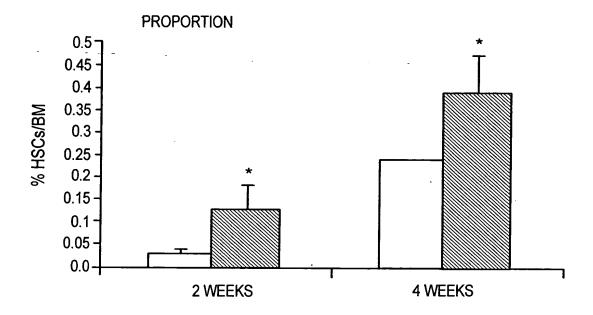


FIG. 32A

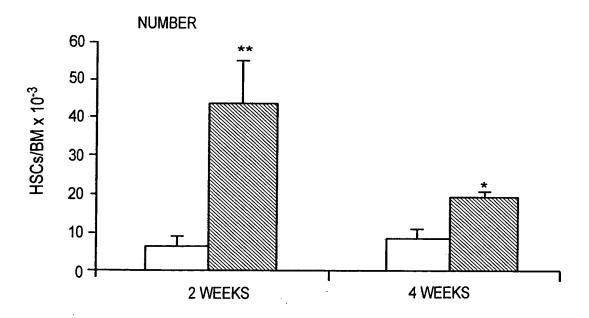


FIG. 32B

## **B CELL PRECURSORS**

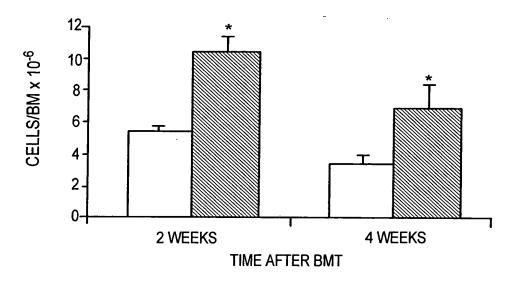


FIG. 33A

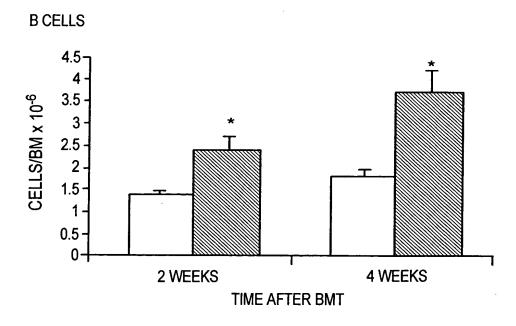


FIG. 33B

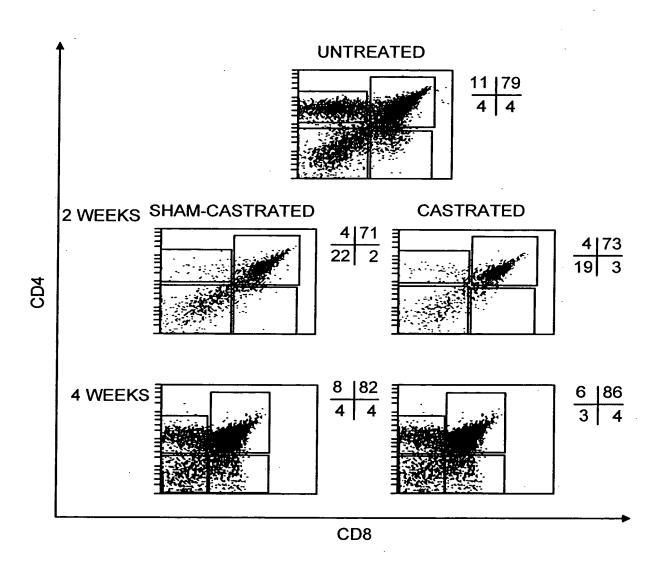


FIG. 34

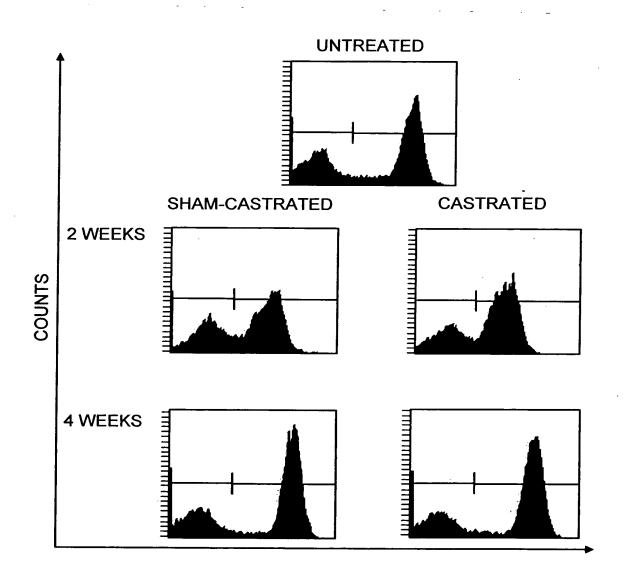


FIG. 35

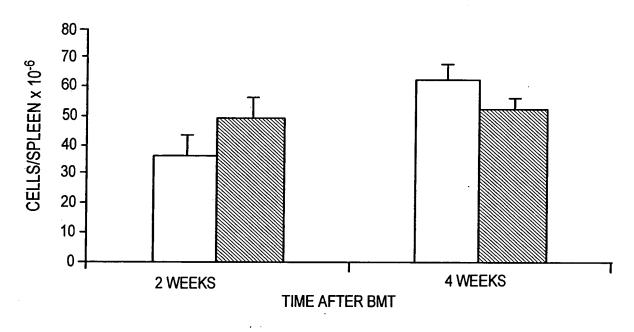
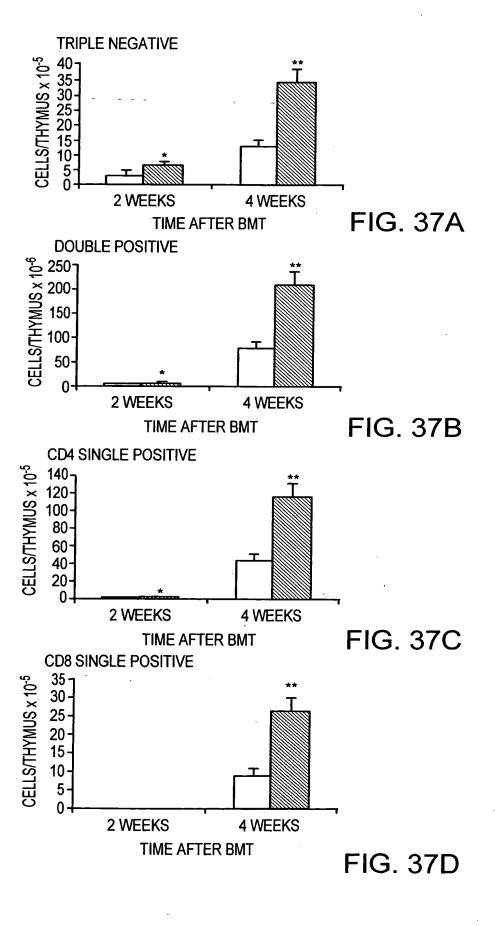


FIG. 36



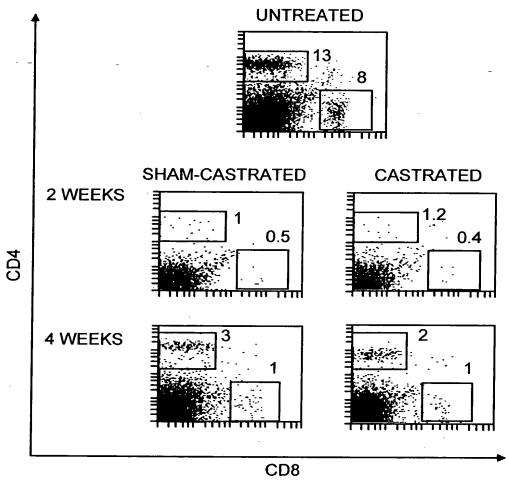
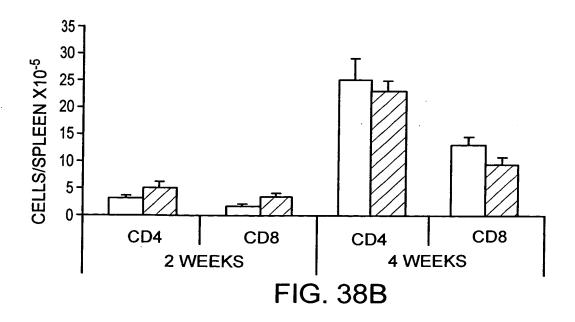
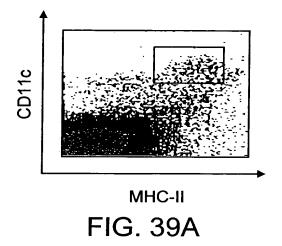
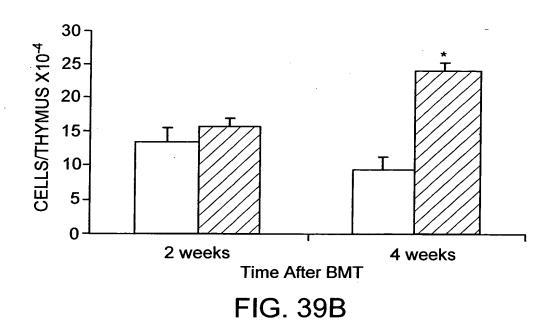
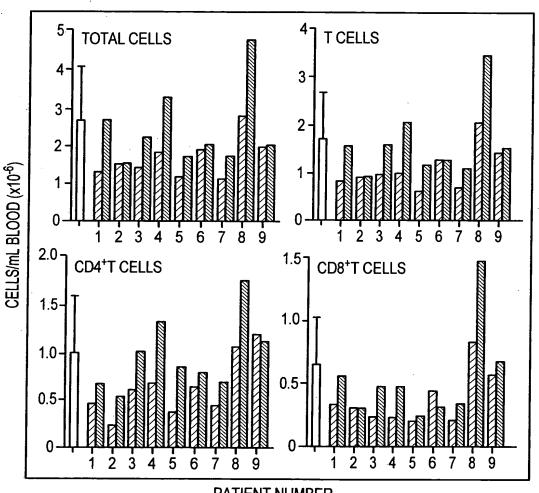


FIG. 38A





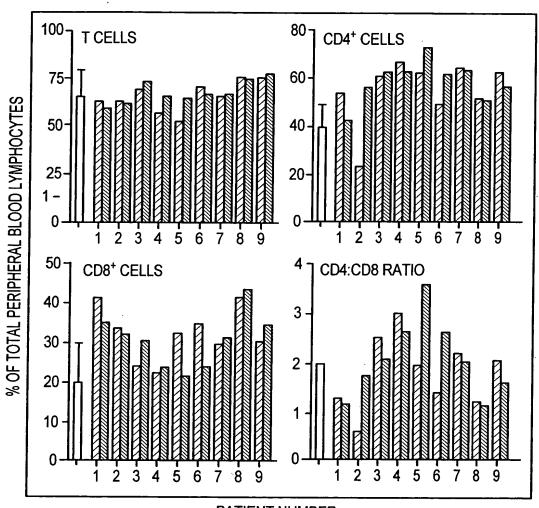




**PATIENT NUMBER** 

☐ CONTROL PRE-LHRH-A TREATMENT **4 MONTHS OF LHRH-A TREATMENT** 

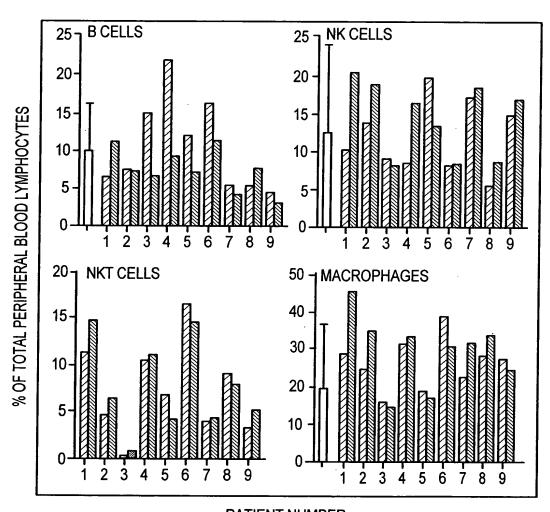
FIG. 40



PATIENT NUMBER

☐ CONTROL ☐ PRE-LHRH-A TREATMENT
☐ 4 MONTHS OF LHRH-A TREATMENT

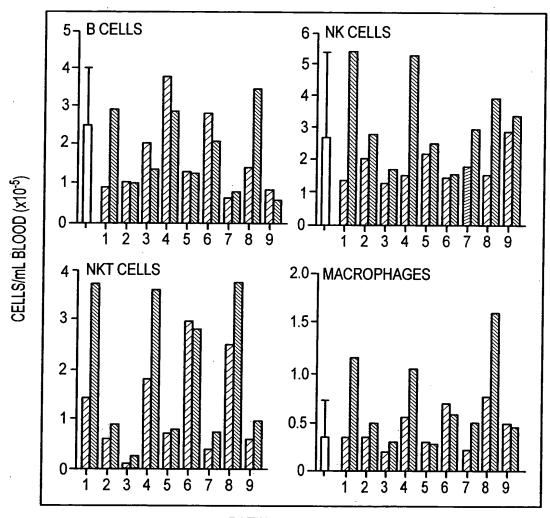
FIG. 41



PATIENT NUMBER

☐ CONTROL ☐ PRE-LHRH-A TREATMENT
☐ 4 MONTHS OF LHRH-A TREATMENT

FIG. 42



PATIENT NUMBER

☐ CONTROL ☐ PRE-LHRH-A TREATMENT

☐ 4 MONTHS OF LHRH-A TREATMENT

FIG. 43

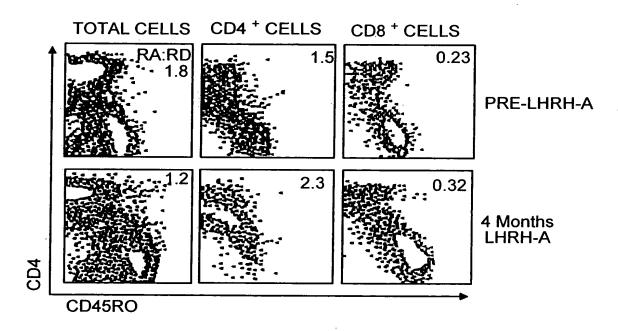


FIG. 44A

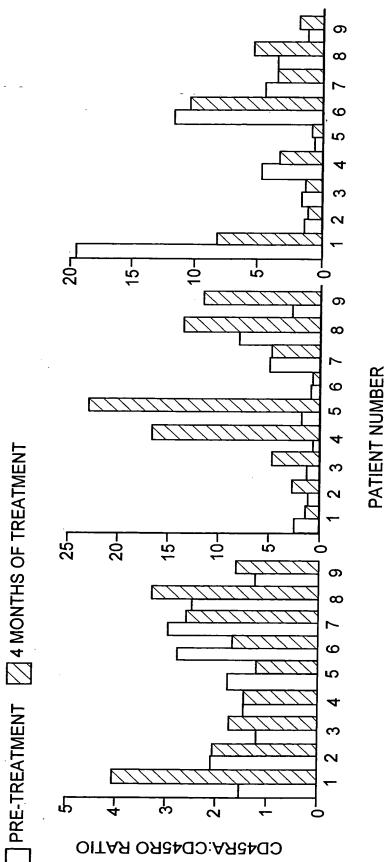


FIG. 44B